

FL-06-G9

LED Aquaculture Lights

ROKEE Aquaculture lights support marine or terrestrial fish farms and other environments to optimize fish growth.

SUS316

IP68



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Options

Power: INVENTRONICS Driver

Electrical cable length: 30 m (2.5 mm² wires)

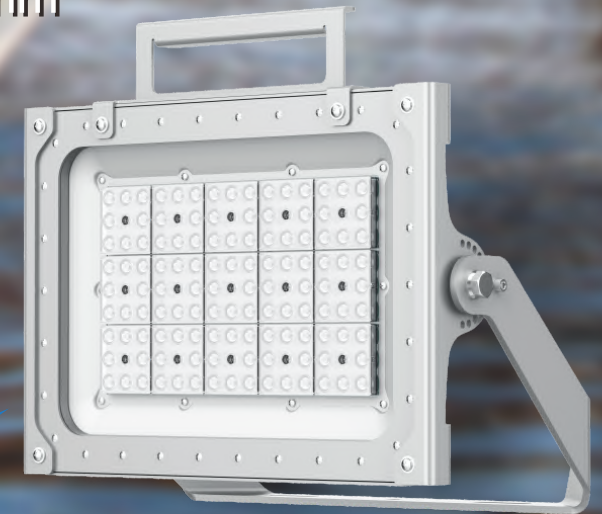
Housing Material: SUS 316

Wavelength: green light 520nm / white light 400~780nm

Protection Grade: IP68

Lighting protection grade: SELV-Clase-I

Underwater working voltage: 48VDC



Product description

- ◇ ROKEE Aquaculture lights support marine or terrestrial fish farms and other environments to optimize fish growth.
- ◇ Luminaire is designed to support fish farms in the optimization of growing fish under unpredictable, harsh circumstances. Helps to optimize growth and reduces the maturation of salmon to nearly zero.
- ◇ The downward facing light provides efficient light distribution by bringing light where the fish swim throughout the complete pen. This helps keeping your fish healthy below the sea lice zone.
- ◇ The luminaire enables you to improve your operations by reducing the maturation to zero, improving both growth & FCR while drastically reducing sea lice infestations.

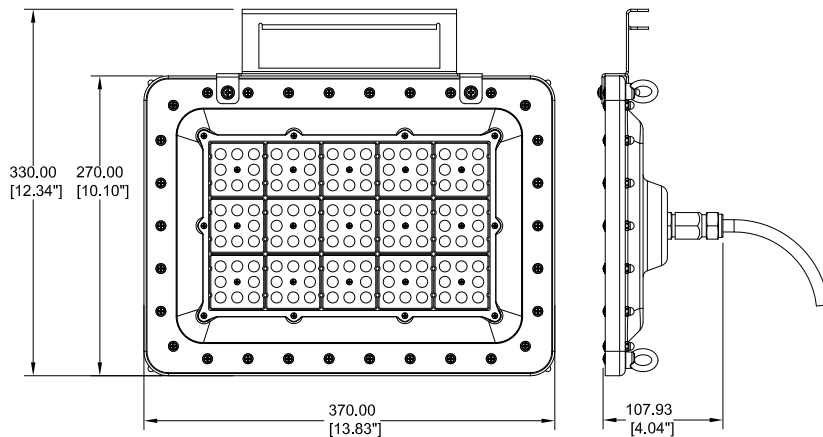
Caution:

1. Aquaculture lights are only used for underwater 1-20m.
2. It is forbidden to be used outside the water area (in the air) and on the water surface.

Specification

Item	Power	Effi.	Leds	CRI	N.W.	Beam Angle
FL100W-06-G9	100W	150lm/W	SMD 5050	> 70	6.0kg(13.2lbs)	90°/120°
FL200W-06-G9	200W	150lm/W	SMD 5050	> 70	6.0kg(13.2lbs)	90°/120°
FL300W-06-G9	300W	150lm/W	SMD 5050	> 70	6.0kg(13.2lbs)	90°/120°
FL500W-06-G9	500W	150lm/W	SMD 5050	> 70	6.0kg(13.2lbs)	90°/120°
FL600W-06-G9	600W	150lm/W	SMD 5050	> 70	6.0kg(13.2lbs)	120°

Dimensions(mm)



P1

SUS316

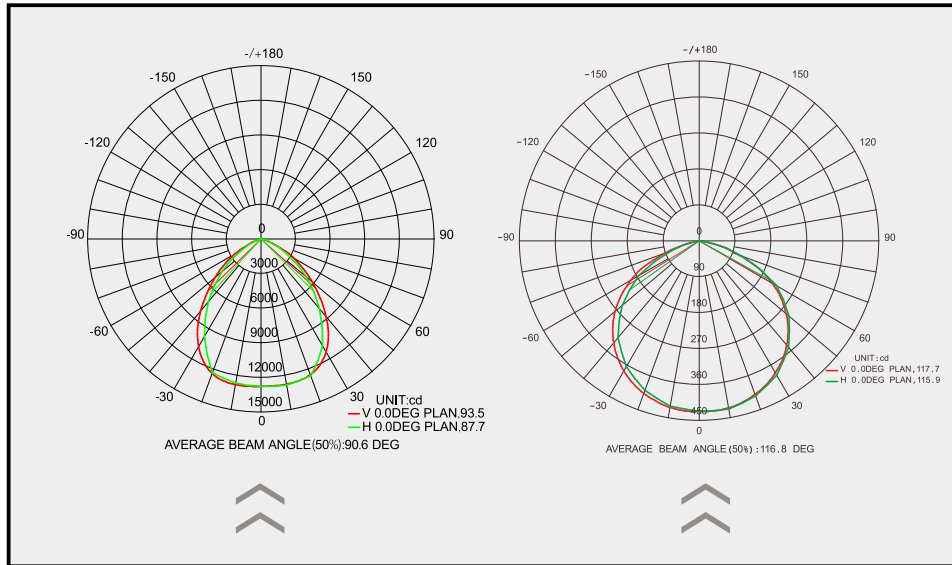


100W/200W/300W/500W



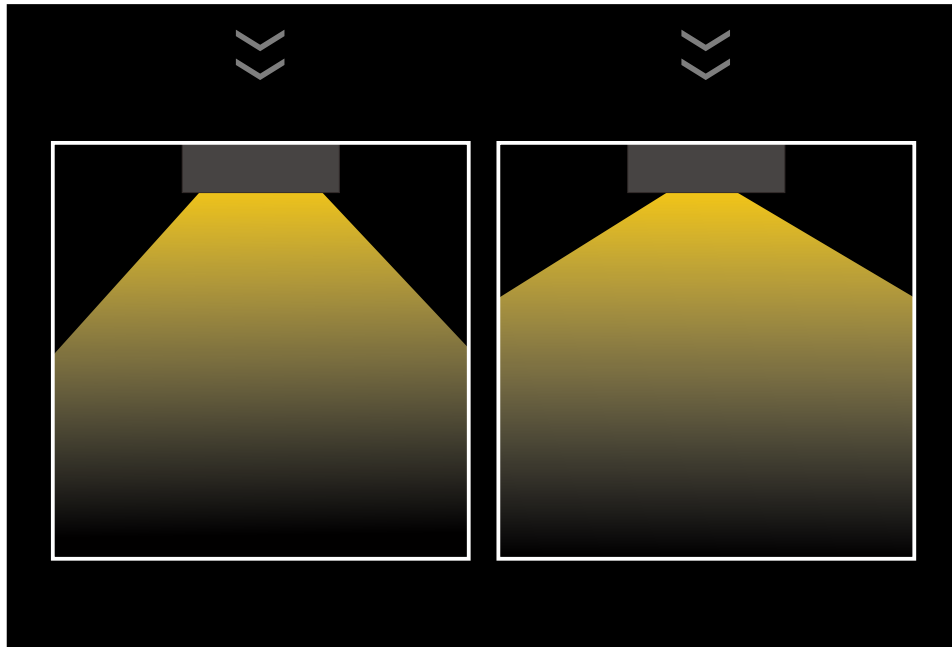
600W

Photometry

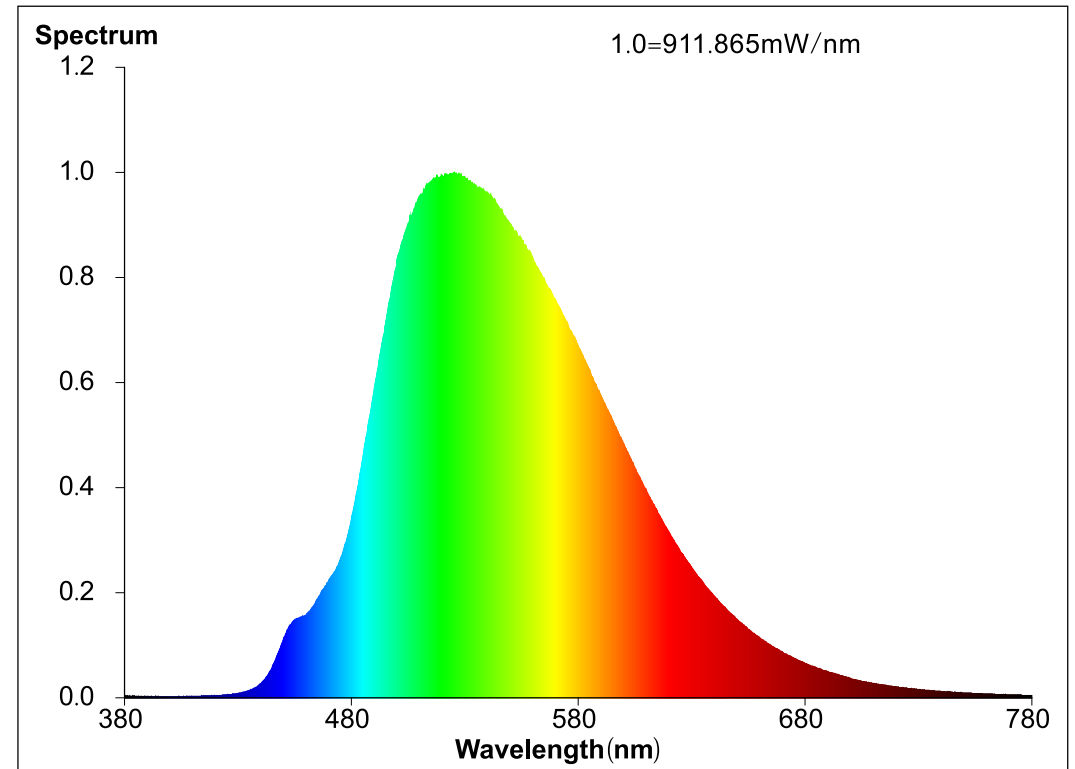


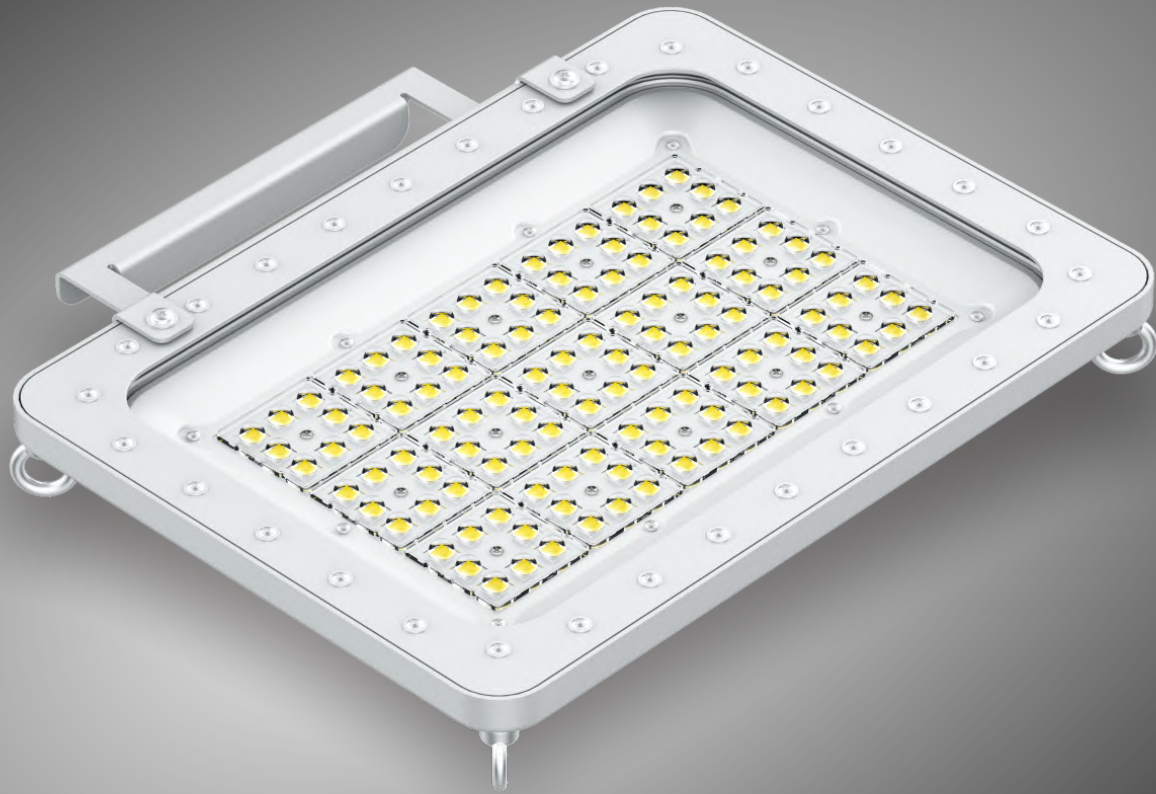
90°

120°



Spectrum





Main advantages

- Optimize fish growth
- High efficiency
- Minimize exposure to sea lice
- Save energy cost
- Easy to handle and store
- Extremely durable

Features

SUS316 Lifting Ring

SUS316 Frame

IK10 PC

SUS316 screw

Reflector With High Reflection

Anti-corrosion cable For high power LED Agriculture Light

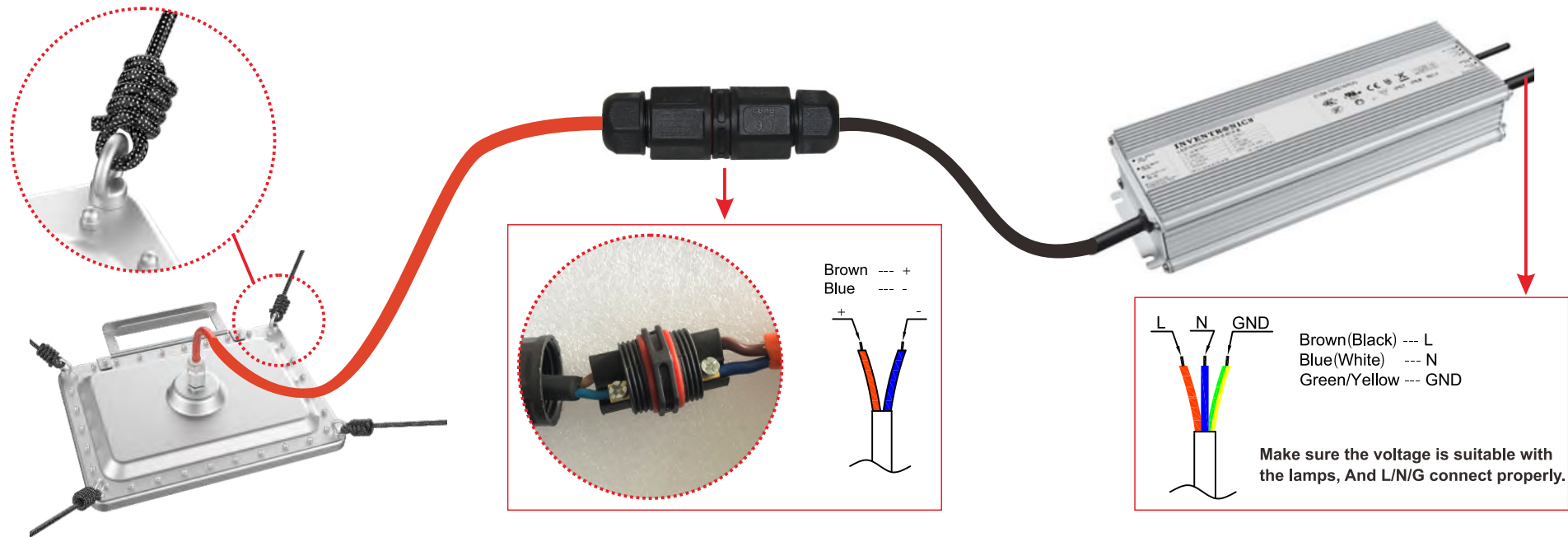
>95% Light Transmission PC lens

High efficiency and Energy saving Leds

Handle bracket easy for installer

All metal parts in contact with seawater are SUS316.

Installation Method



Fasten the 4 hanging rings of luminaire with ropes and Fix the lamp at the suitable position.

Caution:

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- 2. It is forbidden to be used outside the water area (in the air) and on the water surface.**

IP68 Waterproof



Explosion -proof joint

- ▶ Attention to every details, Clear threads, anti-falling buckles;
- ▶ Quality Waterproof Rubber.



SUS316 Lifting Ring



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Application

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